

12-04-01

Burden -

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Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	10775-36246
First Inventor	John A. Copeland, III
Title	Flow-Based Detection of Network Intrusions
Express Mail Label No.	EL61758053US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2.  Applicant claims small entity status.  
See 37 CFR 1.27.
3.  Specification [Total Pages 38]
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawing(s) (35 U.S.C. 113) [ Total Sheets 9 ]
5. Oath or Declaration [ Total Pages   ]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)

i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
6.  Application Data Sheet. See 37 CFR 1.76

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation    Divisional    Continuation-in-part (CIP)

of prior application No. \_\_\_\_\_

Prior application information

Examiner \_\_\_\_\_

Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	(Insert Customer No. or Attach bar code label here)		<input type="checkbox"/> or	<input type="checkbox"/> Correspondence address below
Name	John R. Harris			
Address	Morris, Manning & Martin, LLP 1600 Atlanta Financial Center, 3343 Peachtree Rd. NE			
City	Atlanta,	State	GA	Zip Code
Country	US	Telephone	404-504-7720	Fax
Name (Print/Type)	John Harris	Registration No. (Attorney/Agent)	30,388	
Signature	<i>J. R. Harris</i>		Date	11/30/01

Burden Hour Statement. This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

JC973 U.S. PTO  
10/000396  
11/30/01

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 536)

## Complete if Known

Application Number	
Filing Date	November 30, 2001
First Named Inventor	John A. Copeland, III
Examiner Name	
Group Art Unit	
Attorney Docket No.	10775-36246

## METHOD OF PAYMENT

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number   
Deposit Account Name

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  
 Applicant claims small entity status. See 37 CFR 1.27

2.  Payment Enclosed:

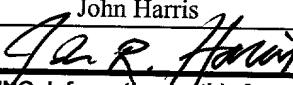
Check  Credit card  Money Order  Other

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee (\$)	Fee Code (\$)	Fee (\$)	Fee Description	Fee Paid
105	130	205	65	65	Surcharge - late filing fee or oath	<input type="text"/>
127	50	227	25	25	Surcharge - late provisional filing fee or cover sheet	<input type="text"/>
139	130	139	130	130	Non-English specification	<input type="text"/>
147	2,520	147	2,520	2,520	For filing a request for ex parte reexamination	<input type="text"/>
112	920*	112	920*	920*	Requesting publication of SIR prior to Examiner action	<input type="text"/>
113	1,840*	113	1,840*	1,840*	Requesting publication of SIR after Examiner action	<input type="text"/>
115	110	215	55	55	Extension for reply within first month	<input type="text"/>
116	400	216	200	200	Extension for reply within second month	<input type="text"/>
117	920	217	460	460	Extension for reply within third month	<input type="text"/>
118	1,440	218	720	720	Extension for reply within fourth month	<input type="text"/>
128	1,960	228	980	980	Extension for reply within fifth month	<input type="text"/>
119	320	219	160	160	Notice of Appeal	<input type="text"/>
120	320	220	160	160	Filing a brief in support of an appeal	<input type="text"/>
121	280	221	140	140	Request for oral hearing	<input type="text"/>
138	1,510	138	1,510	1,510	Petition to institute a public use proceeding	<input type="text"/>
140	110	240	55	55	Petition to revive - unavoidable	<input type="text"/>
141	1,280	241	640	640	Petition to revive - unintentional	<input type="text"/>
142	1,280	242	640	640	Utility issue fee (or reissue)	<input type="text"/>
143	460	243	230	230	Design issue fee	<input type="text"/>
144	620	244	310	310	Plant issue fee	<input type="text"/>
122	130	122	130	130	Petitions to the Commissioner	<input type="text"/>
123	50	123	50	50	Processing fee under 37 CFR 1.17(q)	<input type="text"/>
126	180	126	180	180	Submission of Information Disclosure Stmt	<input type="text"/>
581	40	581	40	40	Recording each patent assignment per property (times number of properties)	40
146	740	246	370	370	Filing a submission after final rejection (37 CFR § 1.129(a))	<input type="text"/>
149	740	249	370	370	For each additional invention to be examined (37 CFR § 1.129(b))	<input type="text"/>
179	740	279	370	370	Request for Continued Examination (RCE)	<input type="text"/>
169	900	169	900	900	Request for expedited examination of a design application	<input type="text"/>
Other fee (specify) _____						<input type="text"/>
*Reduced by Basic Filing Fee Paid						SUBTOTAL (3) (\$ 40)

\*\*or number previously paid, if greater; For Reissues, see above

SUBMITTED BY		Complete (if applicable)			
Name (Print/Type)	John Harris	Registration No. (Attorney/Agent)	30,388	Telephone	404-504-7720
Signature				Date	November 30, 2000

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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Non Provisional Patent  
Serial No. TBA  
Docket No. 10775-36246

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: John A. Copeland, III ) Group No.:  
Serial No.: TBA )  
Filed: November 30, 2001 )  
Title: FLOW-BASED DETECTION OF )  
NETWORK INTRUSIONS )

**TRANSMITTAL OF COMPUTER PROGRAM LISTING ON CD**

Commissioner for Patents and Trademarks  
P.O. Box 2327  
BOX NEW PATENT APPLICATION  
Arlington, VA 22202

Sir/Madam:

Pursuant to 37 C.F.R. § 1.52(a) the Applicant hereby submits herewith as a part of the above-identified patent application filing two (2) copies of one (1) compact disk (CD-R) entitled "Lancope Code.txt Computer Listing," each in conformance with the International Standards Organization (ISO) 9660 Standard, with the contents in compliance with the American Standard Code for Information Exchange (ASCII), enclosed in a hard compact case within an unsealed padded and protected mailing envelope, labeled as "Copy 1" and "Copy 2", accompanied by this transmittal letter, as required by said Rule.

In accordance with 37 C.F.R. § 1.52(e)(3)(ii), the operating system compatibility for the files contained herein are in the Microsoft Windows NT Operating System, and include the following ASCII text file contained on the compact disk, including their names, size in bytes, and dates of creation, as follows:

DATE OF CREATION	SIZE IN BYTES	FILE NAME
11/30/01	154,450	LANcope Code.txt

**CERTIFICATE OF MAILING BY EXPRESS MAIL**

I hereby certify under 37 C.F.R. § 1.10 that this correspondence is being deposited with the United States Postal Service with sufficient postage for Express Mail, Mailing No. EL617580535US in an envelope addressed to: Assistant Commissioner of Patents & Trademarks, **BOX 2327, NEW PATENT APPLICATION, Arlington, VA 22202** on November 30, 2001.

John R. Harris  
John R. Harris - Reg. No. 30,388

Transmittal of Computer Program Listing on CD

Inventor: John A. Copeland, III

Filed: November 30, 2001

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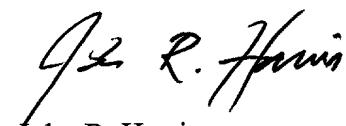
Pursuant to 37 C.F.R. § 1.52(e)(4), Applicant hereby states that the two compact disks identified as "Copy 1" and "Copy 2" are identical.

In accordance with 37 C.F.R. § 1.52(e)(6), each disk "Copy 1" and "Copy 2" is labeled with information indicating the name of the inventor, title of the invention, Applicant's docket number, the creation date of the compact disk (November 30, 2001), and an indication whether such copy is "Copy 1" or "Copy 2".

MORRIS, MANNING & MARTIN, LLP  
1600 Atlanta Financial Center  
3343 Peachtree Road, NE  
Atlanta, GA 30326  
(404) 504-7720  
(404) 364-4578 - fax  
[jrh@mmlaw.com](mailto:jrh@mmlaw.com)

Respectfully submitted,

MORRIS, MANNING & MARTIN, LLP



John R. Harris  
Reg. No. 30,388